

NISSC - Oct 96

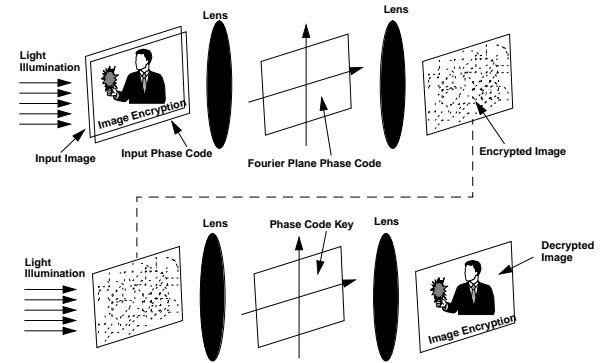
*Workshop Report on
The Role of Optical Systems and Devices for Security*

**OPTICAL PROCESSING SYSTEMS FOR
ENCRYPTION, SECURITY VERIFICATION,
AND ANTICOUNTERFEITING**

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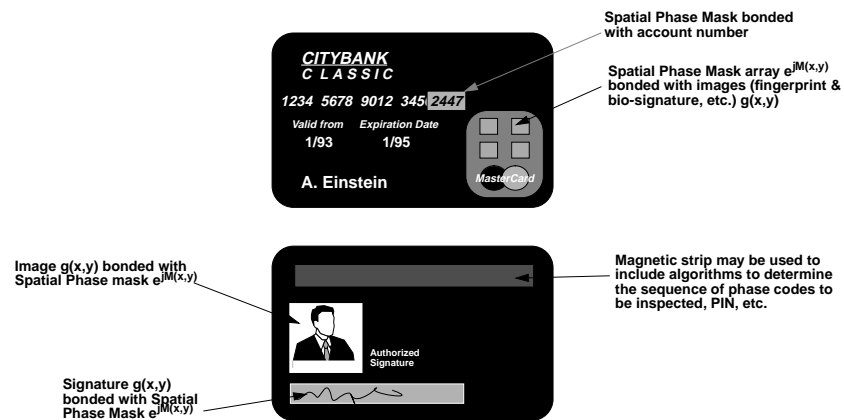
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HIGH SPEED PARALLEL IMAGE ENCRYPTION



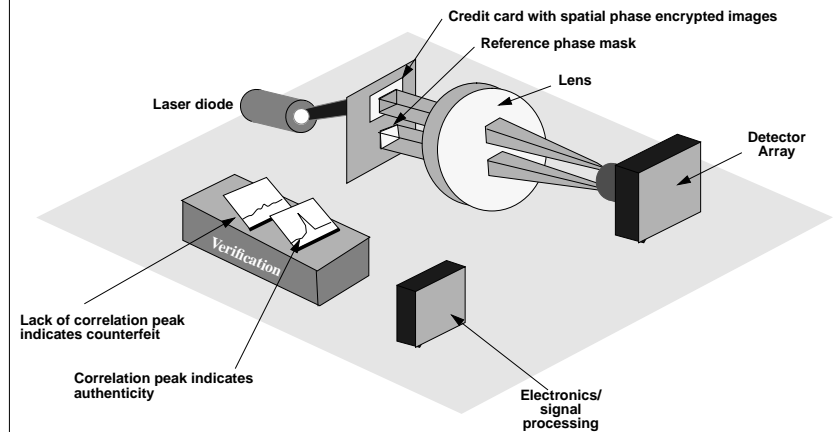
P. Refregier and B. Javidi, "Optical Image Encryption Using Input and Fourier Plane Random Phase Encoding," Journal of Optical Letters, Vol. 20, pp. 767-769, April 1, 1995.

SPATIAL PHASE ENCRYPTED CREDIT CARD



B. Javidi and J.L. Horner, "Optical Pattern Recognition for Validation and Security Verification," Optical Engineering, Vol. 33, no. 6, June 1994.

**OPTO-ELECTRONIC PATTERN RECOGNITION SYSTEM FOR VERIFYING
SPATIAL PHASE ENCRYPTED CARDS**



B. Javidi and J.L. Horner, "Optical Pattern Recognition for Validation and Security Verification," Optical Engineering, Vol. 33, no. 6, June 1994.